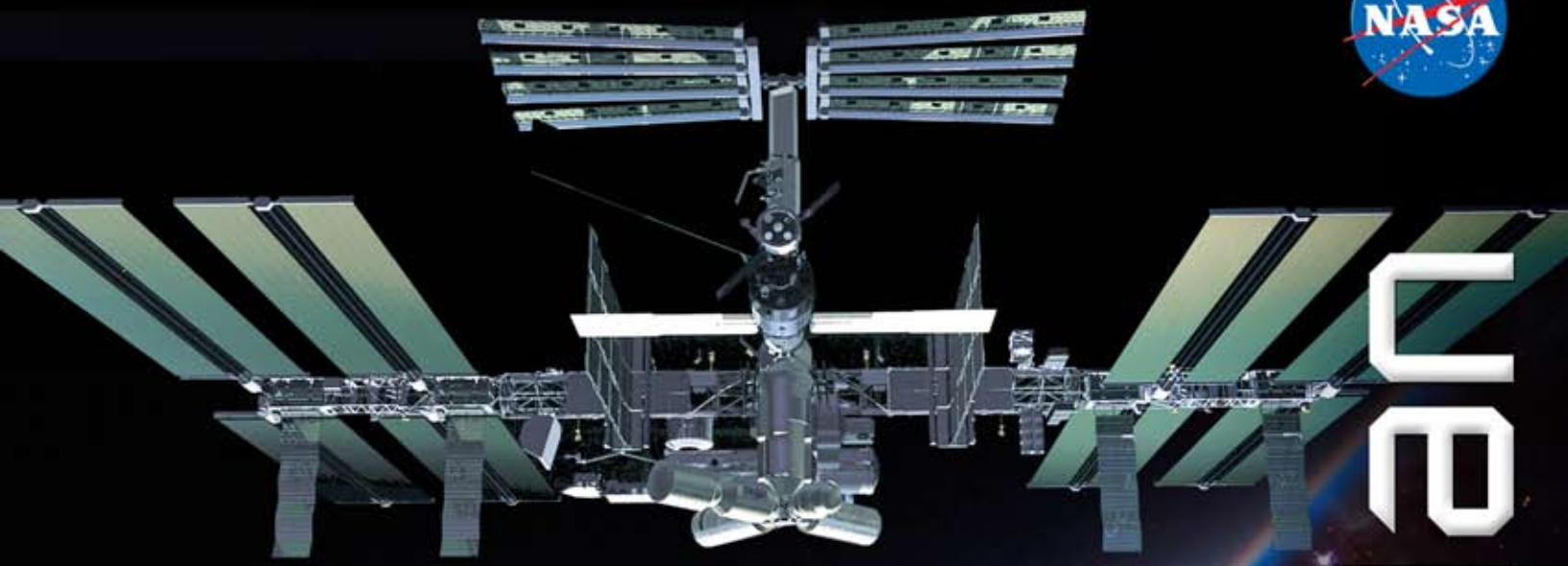
National Aeronautics and Space Administration



program plan

2009

Space Flight Awareness

NASA

www.nasa.gov

The NASA Mission

To pioneer the future in space exploration, scientific discovery and aeronautics research.

The NASA Strategic Goals

- Fly the Shuttle as safely as possible until its retirement.
- Complete the International Space Station in a manner consistent with NASA's International Partner commitments and the needs of human exploration.
- Develop a balanced overall program of science, exploration, and aeronautics consistent with theredirection of the human spaceflight program to focus on exploration.
- Bring a new Crew Exploration Vehicle into service as soon as possible after Shuttle retirement.
- Encourage the pursuit of appropriate partnerships with the emerging commercial space sector.
- Establish a lunar return program having the maximum possible utility for later missions to Mars and other destinations.

Contents

Message

Two-thousand eight was an exciting and challenging year for the National Aeronautics and Space Administration (NASA) Space Flight Program. We launched four successful Space Shuttle missions: Space Transportation System (STS)-122 in February, STS-123 in March, STS-124 in May and STS-126 in November to deliver modules and hardware to the International Space Station (ISS), allowing it to grow in size, volume and science capability. On November 20, 2008, we marked ISS tenth anniversary since assembly began in 1998, with the launching of the Russian control module, Zarya.

Building on our success, in March 2009, we launched STS-119, which delivered an installed the final set of solar arrays to ISS – doubling the electricity available for science. STS-119 was the 125th Space Shuttle flight, and the 28th flight to the ISS. I'm proud to report that ISS is now the largest spacecraft ever built. By mass, we are 81 percent complete. Her truss backbone stretches to 336 feet long, with solar arrays that reach 240 feet wide. ISS is 45 feet tall, with interior volume that exceeds 25,000 cubic feet, comparable to a five-bedroom house. Astronauts continue preparations for the ISS to house six crewmembers for long-duration missions this year.

With the help of NASA contractor and supplier employees, we achieved a truly extraordinary milestone on ISS, as we worked together with our partners around the world. ISS now hosts nineteen research facilities, including nine sponsored by NASA, eight by the European Space Agency and two by the Japan Aerospace Exploration Agency. We have new Human Spaceflight Control (HSF) centers in Germany, France and Japan that work with existing control centers in the United States, Russia and Canada. The U.S. National Laboratory concept is moving forward with our new research partners: The National Institutes of Health and the U.S. Department of Agriculture's Agricultural Research Service, as well as commercial partners.

NASA's Space Flight Awareness (SFA) program has been integral to our HSF success, providing employee recognition to our dedicated employees for our various programs and mission successes. The SFA program continues to ensure that employees and contractors involved in HSF spaceflight are keenly aware of the critical roles they have in the safety of our astronauts, and the success of HSF missions. SFA awards reach deep into NASA's employee, contractor and supplier chain to recognize exemplary contributions to quality, safety and HSF mission success.

I am pleased to serve in a leadership capacity for America's HSF spaceflight programs. These programs play an important role in NASA's efforts to explore the solar system, and expand our knowledge of Earth and its place in the universe. The HSF program is successful because of dedicated employees' significant contributions to the safety of our missions. I'm pleased we have a program like SFA, which recognizes employees' work contributions.

I want to thank all of the NASA and contractor organizations for your continued support and contributions to our mission successes, and the SFA program. Special recognition goes to the SFA national panel members for their efforts. We have a great deal to still look forward to this next year. Keep up the good work!

William H. Gerstenmaier
Associate Administrator for Space Operations

2009 Schedule

january

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february

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march

STS-119; Expedition 19: March

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may

Expedition 20; STS-125: May

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june

STS-127: June

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august

Ares IX; STS-128: Aug.

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september

Expedition 21: Sept.

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october

Annual Safety Awareness Day: Oct.

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november

STS-129: Nov.

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december

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SPACE FLIGHT AWARENESS MOTIVATION AND RECOGNITION PROGRAM HISTORY

NASA established the Space Flight Awareness (SFA) Motivation and Recognition Program as a formal program after the Mercury and Gemini period, to infuse the space program with a renewed and strengthened consciousness of quality and flight safety.

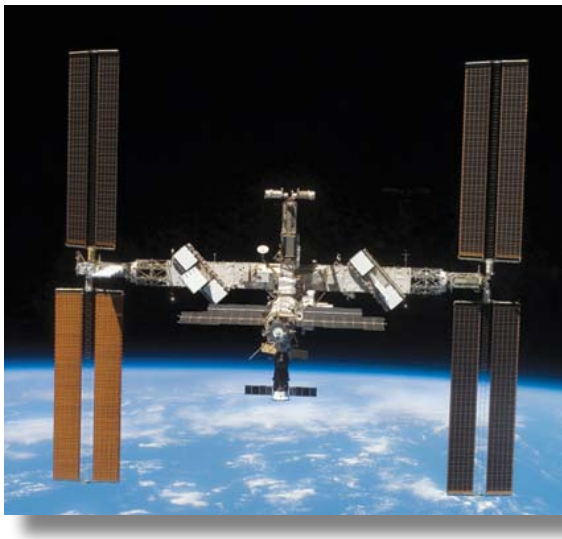
As NASAs human space flight program continued and developed, the NASA Centers increased the assistance they provided to the employee motivation programs of their contractors and other government agencies.

The future of space flight brings new opportunities and challenges for the SFA Program. The program must keep pace with an ever-changing environment of people, systems, and processes that design, build, fly and support human space flight.

The National SFA Panel works diligently to ensure an effective program, one of value to the human space flight workforce. The focus of the program continues to be excellence in quality and safety.

Objectives

- Ensure employees involved in space flight are aware of the importance of their role in promoting safety, quality and mission success
- Increase awareness of the Space Flight Program accomplishments, milestones and objectives with a focus on safety and mission success and final shuttle missions
- Conduct events that motivate and recognize the workforce, and enhance employee morale
- Function as an internal communications team to disseminate key program safety, quality, and mission messages
- Provide management with resources to energize workforce during transition from the shuttle and station programs to the next generation of space flight programs
- Maintain supplier outreach programs



Bridging the Gap

Space Shuttle

- Keep workforce focused on the safety and missions at hand
- Foster and retain personal commitment to flight safety and mission success

International Space Station

- Increase Station visibility and continue to recognize significant milestones as we move forward with our international partners

Space Exploration

- Engage Constellation workforce by highlighting safety and superior performance

Space Flight Awareness Teams

Cost and Performance

- Provides a measurement of costs incurred on the program as well as data on awards presented (including suppliers) and astronaut visits

Products

- Develops within funding constraints appropriate products to highlight safety and awareness for human space flight programs

Program Plan

- Provides a comprehensive plan of SFAs history, current year objectives, schedule, recognition programs and metrics

3-5 Year Plan

- Positions the Space Flight Awareness Program to support evolving programs and contribute to the awareness of space exploration

Supplier

- Promotes awareness and provides recognition to critical suppliers that provide outstanding products and services in support of the human space flight programs

2009

Recognition Programs

Team Award

This award is used to recognize small groups of employees that have demonstrated exemplary teamwork while accomplishing a particular task or goal in support of the human space program.

Silver Snoopy

This is the astronauts' personal award. To qualify for this award, eligible candidates will have made contributions toward enhancing the probability of mission success, or made improvements in design, administrative/technical/ production techniques, business systems, flight and/or systems safety or identification and correction or preventive action for errors. This award is generally not intended for management. Only one Silver Snoopy award for an individual is permitted.

Leadership Award

This award is intended for recognition of mid-level managers who consistently demonstrate loyalty, empowerment, accountability, diversity, excellence, respect, sharing, honesty, and integrity, and are proactive.

Flight Safety Awards

This award recognizes significant, outstanding, individual or team contributions related to the prevention of anything that could lead to a catastrophic mishap to the vehicle, crew, or mission. The approval process for this award includes the SFA National Panel, the Flight Safety Panel, and the NASA Associate Administrator for Safety and Mission Assurance.

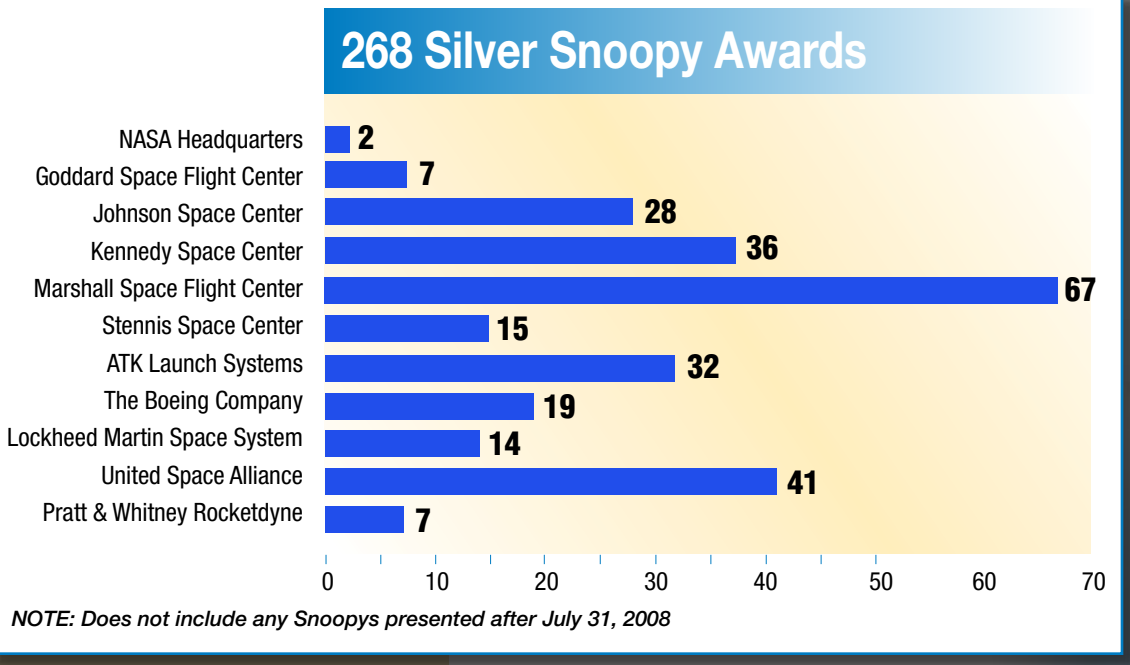
Maximize safety awareness, motivation and recognition.

Honoree Award

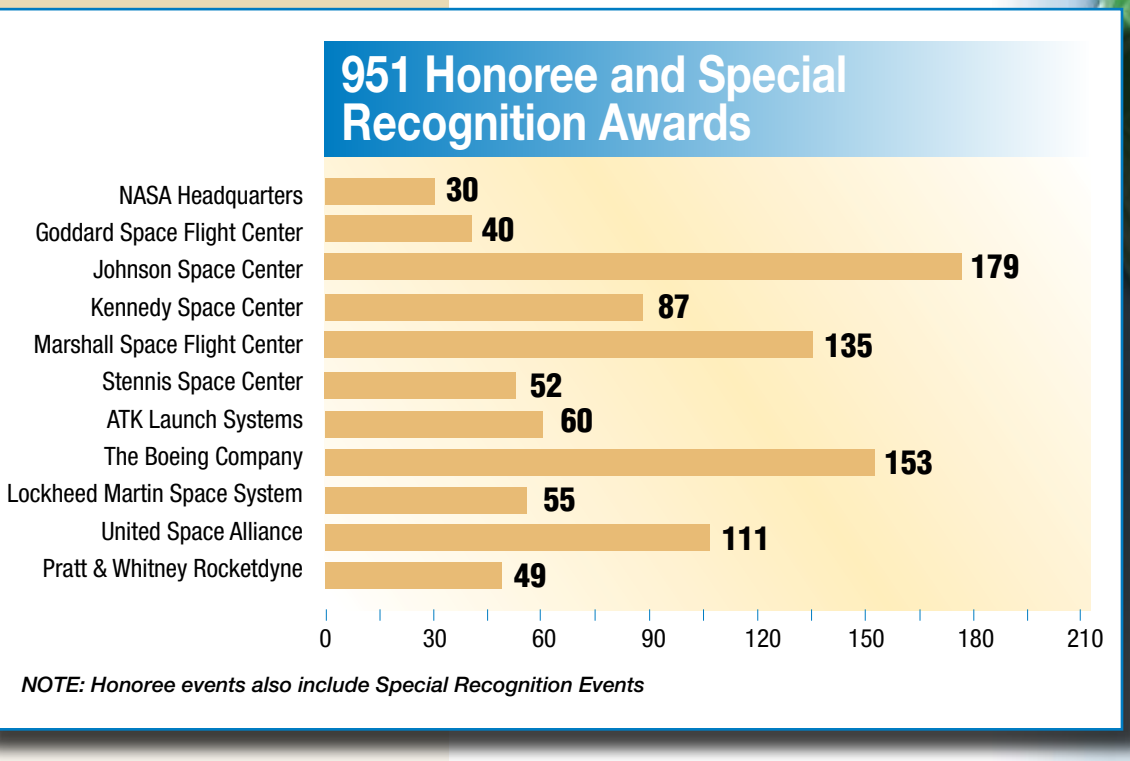
This award is one of the highest presented to NASA and industry and is for first-level management and below. This award is presented to employees for their dedication to quality work and flight safety. To qualify, the individuals must have contributed beyond their normal work requirements to achieve significant impact on attaining a particular human space flight program goal; contributed to a major cost savings; been instrumental in developing modification to hardware, software, or materials that increase reliability, efficiency, or performance; assisted in operational improvements; or been a key player in developing a beneficial process improvement.

2008 Metrics

Numerous Suppliers Visited Across the Country

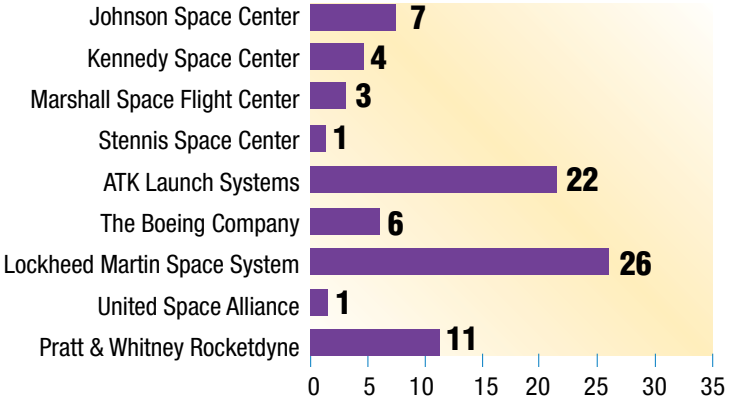


NOTE: Does not include any Snoopys presented after July 31, 2008

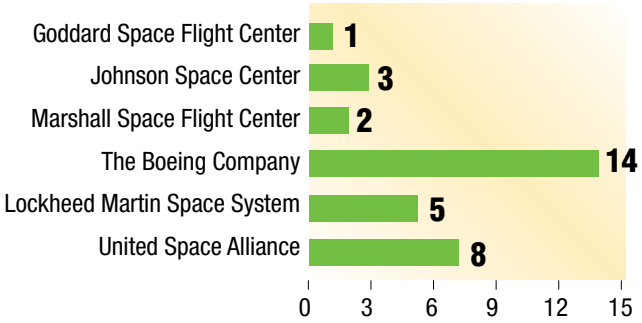


NOTE: Honoree events also include Special Recognition Events

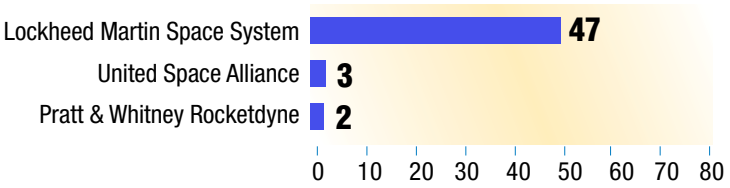
81 Astronaut Visits



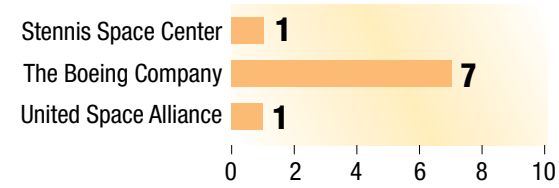
33 Team Awards

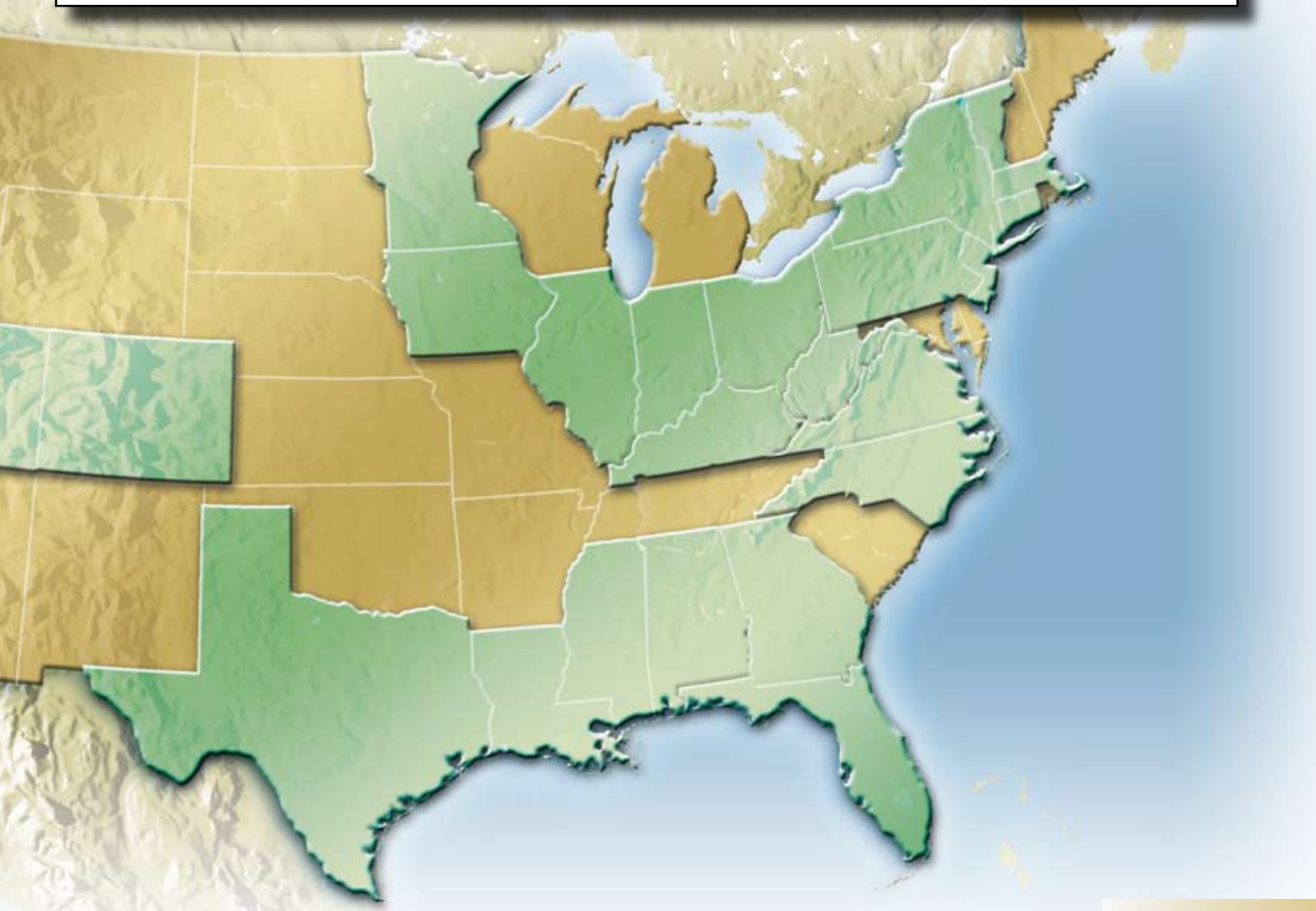


52 Supplier Awards



9 Leadership Awards





Space Flight Awareness
NASA

panel members

Alotta Taylor, Office of Space Operations
NASA Headquarters, Program Manager

Russell Arthur, Lockheed Martin Space System Co

Claudette Beggs, NASA Kennedy Space Center

Sallie Bilbo, NASA Stennis Space Center

Joan Broadfoot, NASA Johnson Space Center

Dawn Brooks, NASA Headquarters

Elizabeth Cantu, NASA Johnson Space Center

Gena Cox, NASA Marshall Space Flight Center

Fred Hendricks, ATK Launch Systems

Bill Johansson, The Boeing Company

Barbara Lewis, United Space Alliance

Amy Pruett, NASA Goddard Space Flight Center

Agnes Vargas, The Boeing Company

Julie Zingerman, United Technologies Corporation